

Docket No. AUS920040059US1

ABSTRACT OF THE DISCLOSURE

**METHOD AND APPARATUS FOR PROVIDING HARDWARE ASSISTANCE
FOR CODE COVERAGE**

A method, apparatus, and computer instructions for generating coverage data during execution of code in the data processing system. During execution of the code, a determination is made as to whether an access indicator is associated with an instruction in response to executing the instruction in the code by a processor in the data processing system. If the access indicator is associated with the instruction, a state of the access indicator is changed, by the processor, when the instruction is executed. In this manner, coverage data for executed instructions is generated by the processor during execution of the code.